Baudhuin Incorporated

Site Engineering•Surveying•Soil science

DNR

April 15, 2014

RECEIVED-DNR
APR 18 2014
DRINKING WATER & GW

Wisconsin DNR
Private Water Systems Section – DG/2
PO Box 7921
Madison, WI 53707-7921

Re: High Capacity Well Approval Renewal
Cobblestone Condominium
File No. 15-6-0030

Dear Sirs:

As discussed, please find enclosed an application for renewal of the high capacity well approval for the Cobblestone Condominium located in the Town of Egg Harbor, Door County, Wisconsin. The original approval was dated February 3, 2005 (with a variance to construct to low capacity standards dated February 24, 2005). Seven total wells were approved, three of which have been constructed.

Specific items to note in this application:

- Pumping capacities in the existing and proposed wells remain unchanged from the original application.
- Latitude and longitude of the proposed wells are included in the application. Existing well data is as follows:
  - Well #1 45° 00.864' -87° 19.254'
  - Well #2 45° 00.852' -87° 19.206'
  - Well #3 45° 00.852' -87° 19.158'
- Each well serves 4 or 5 units of the condominium (see attached map). Each unit is a single family residence, so this should be considered a private water system.
- The first home on proposed Well #4 is under construction with completion estimated to be June 1, 2014, although contractors will need water before that. Obviously there is some urgency to construct Well #4 as soon as possible. Wells #5 -#7 are dependent on future home sales, but the project forecast is for Well #5 this fall and Wells #6 and #7 sometime in 2015.

Thank you for your assistance in this matter. Please contact me if you have any questions or need additional information.

Respectfully submitted,

BAUDHUIN INCORPORATED

Steven J. Parent, P.E.

Y:\Admin. Projects\21700\21707HiCapWell.doc

55 S. Third Ave., P.O. Box 105
Sturgeon Bay, WI 54235-0105
(p)920.743.8211 (f)920.743.8217
www.baudhuin.com

State of Wisconsin
Department of Natural Resources
Private Water Systems Section - DG/2
dnr.wi.gov

High Capacity, School or Wastewater Treatment Plant Well Approval Application

Form 3300-256 (R 7/05)

DER 4/18/14 Ltr rec'd

Notice: Prior department approval is required for the construction, reconstruction or operation of a high capacity well or system of high capacity wells, a school well or a wastewater treatment plant well in accordance with Section NR 812.09(4)(a), Wisconsin Administrative Code. Personally identifiable information collected on this form, including such data as your name, address and phone number, will be used for management of department programs and is unlikely to be used for other purposes. This information will be addressable under Wisconsin's Open Records Laws, ss. 19.32 - 19.39, Wis. Stats.

Use this form to request an approval for installation of a well or wells on a high capacity property, seek approval to make other changes to a high capacity property or to modify a well on a high capacity property, as required by NR 812.09(4)(a), Wisconsin Administrative Code. Refer to definitions of high capacity well, high capacity property and high capacity well system on page 5.

This form is not intended to be used when seeking approval for construction or modification of wells serving water systems regulated under ch. NR 811, Wis. Adm. Code. Any water system serving 7 or more homes, 10 or more mobile homes, 10 or more apartments, 10 or more condominiums, or 10 or more duplexes is regulated under ch. NR 811, Wis. Adm. Code. See NR 811.01, Wis. Adm. Code for applicability requirements.

Applicant Information

Application Prepared By (Name and Title)	Company		
Steven J. Parent, P.E.	Baudhuin Incorporated		
Street Address	**City**	**State**	**ZIP Code**
55 South Third Avenue	Sturgeon Bay	WI	54235
Telephone Number	**Fax Number**	**E-Mail Address**	
920-743-8211	920-743-8217	sparent@baudhuin.com	

Property Ownership Information

Property owner, if different than applicant (Name of Person and Title)	Company		
	Cobblestone Condominium Owners Association		
Street Address	**City**	**State**	**ZIP Code**
4614 Harbor School Road	Egg Harbor	WI	54209
Telephone Number	**Fax Number**	**E-Mail Address**	

Well Operator Information

Well operator if different than owner (Name of Person and Title)	Company		
Street Address	**City**	**State**	**ZIP Code**
Telephone Number	**Fax Number**	**E-Mail Address**	

Property Information

Enter the High Capacity Well File Number below if the property is already a high capacity property. If the property is not designated as a high capacity property at the time of application, enter "NONE." NOTE: Find the file number in upper right hand corner of the most recent high capacity well approval, or use the compact disk of departmental well data that is issued to drillers and pump installers. On the compact disk, see "File location" in red print in "Location" section. File number format is as follows: (1 or 2 digits for county) - (1 digit for well classification) - (1 to 4 digits for assigned property no.).

County	Town	High Capacity Well File No.
Door	Egg Harbor	15-6-0030

Submittal Purpose

Check all that apply:

- ☐ Install one or more new wells with a capacity greater than 70 gallons per minute.
- ☐ Install one or more new wells with a capacity less than 70 gallons per minute on a high capacity property.
- ☐ Replace one or more wells with a capacity greater than 70 gallons per minute.
- ☐ Replace one or more wells with a capacity less than 70 gallons per minute on a high capacity property.
- ☐ Reconstruct one or more wells with a capacity greater than 70 gallons per minute.
- ☐ Reconstruct one or more wells with a capacity less than 70 gallons per minute on a high capacity property.
- ☐ Increase pumping rate in one or more wells to a rate greater than previously approved.
- ☐ Request continued operation of high capacity wells after a change in ownership. (No application fee required.)
- ☒ Renew a previous approval that has expired.
- ☐ Well (or wells) will serve a school or wastewater treatment plant. See definitions on page 5.
- ☐ Other, explain _____

Site Status Information

Determine the site status using the internet or the compact disk of departmental well data that is issued to drillers and pump installers and the information supplied by the property owner. Internet address is dnr.wi.gov/org/water/dwg/dws.htm. Enter YES or NO for each of the following questions.

YES NO

- ☐ ☒ Has the property boundary changed since the most recent high capacity well approval was issued? If the property is not yet a high capacity property, check NO.
- ☐ ☒ Has there been a change in well ownership since the last approval was written?
  If YES, name of current owner: Date of purchase:
- ☐ ☒ Has there been a change in well operator since the last approval was written?
  If YES, name of current operator: Date of change:
- ☐ ☒ Will a proposed well be connected to a plumbing system that is supplied by other sources (other wells, municipal supply, etc.)? If YES, include a schematic drawing showing backflow protection.
- ☐ ☒ Is a proposed well within 1,200 feet of a landfill? Determine if there are any landfills nearby, using the well information compact disk FIND feature. Enter the township, range and section of the well location. If the well is near a section line, also check the adjacent section or sections.
  If YES, list the landfill site ID Number: OR Landfill location: (Township/Range/Section)
- ☐ ☒ Is a proposed well on a property that has a contaminated site? If YES, list the BRRTS (Bureau for Remediation and Redevelopment Tracking System) Number here and specify if the site is open or closed: ☐ Open ☐ Closed
- ☐ ☒ Is a proposed well on a property that has a groundwater use restriction recorded on the deed? If YES, list the BRRTS number, as assigned to the contaminated site by the DNR remediation and redevelopment program:
- ☐ ☒ Is a proposed well on a property that is listed on the department's registry of closed remediation sites for a groundwater use restriction? See compact disk or internet at maps.dnr.state.wi.us/imf/dnrimf.jsp?site=brrts. If YES, list the BRRTS Number here:
- ☐ ☒ Is a proposed well to be used for a public water supply system that serves 25 or more people? See definition of a "public water system" in the definitions section on page 5.
- ☒ ☐ Is a proposed well to be installed within a special casing area? Refer to the list of special casing areas that is published by the department and/or contact the regional DNR office.
- ☐ ☒ Has the number of wells or pumping capacity in an existing well increased since the most recent high capacity well approval was issued?
- ☐ ☒ Has the number of wells decreased since the most recent high capacity well approval? If the property is not yet a high capacity property, check NO.
- ☐ ☒ Is a non-pressurized storage vessel (i.e. reservoir) other than a pond proposed or in use?
- ☐ ☒ Will the well discharge directly to a storage pond?
- ☐ ☒ Is a pressurized tank with a capacity greater than 1,000 gallons proposed or in use?
- ☐ ☒ Is a proposed well within 1,200 feet of a quarry?
- ☐ ☒ Is a proposed well located in a floodplain or floodway?
- ☐ ☒ Are any existing well installations on the high capacity property out of compliance with Chapter NR 812, Wisconsin Administrative Code?
- ☐ ☒ Will the well be used as a source of bottled water?
- ☒ ☐ Are you seeking a variance to construct a well that has a capacity of less than 70 gallons per minute to low capacity well construction standards?
- ☐ ☒ Is the property served by a community water system?

WISCONSIN UNIQUE WELL NUMBER **SS792**

Source: WELL CONSTRUCTION

State of Wi-Private Water Systems-DG/2
Department Of Natural Resources, Box 7921
Madison, WI 53707

Form 3300-77A
(Rev 02/02)bw

Depth 320 FT

Property Owner: COBBLESTONE COTTAGES COA INC
Telephone Number: 920-868-3935

Mailing Address: 5335 HORSESHOE BAY RD

City: EGG HARBOR | State: WI | Zip Code: 54209

County of Well Location: 15 DOOR | NE | W
Co Well Permit No:
Well Completion Date: August 15, 2005

1. Well Location

T=Town C=City V=Village: T of EGG HARBOR
Fire#: 5271

Street Address or Road Name and Number: 5271 COBBLESTONE CIR

Subdivision Name | Lot# | Block #

Well Constructor: MARK E EUCLIDE
License #: 5905
Facility ID (Public):

Address: EUCLIDE WELL DRILLING INC
Public Well Plan Approval#: 15630

City: STURGEON BAY | State: WI | Zip Code: 54235
Date Of Approval: 02/03/2005

Hicap Permanent Well #: 67507
Common Well #: 1
Specific Capacity: .3 gpm/ft

Gov't Lot or NW 1/4 of SE 1/4 of
Section 3 T 29 N R 26 E

2. Well Type 1 (See item 12 below)
1=New 2=Replacement 3=Reconstruction
of previous unique well # _____ constructed in _____
Reason for replaced or reconstructed Well?

1 1=Drilled 2=Driven Point 3=Jetted 4=Other

3. Well Serves # of homes and or CONDO
P (eg: barn, restaurant, church, school, industry, etc.)
M=Munic O=OTM N=NonCom P=Private Z=Other X=NonPot A=Anode L=Loop H=Drillhole

High Capacity:
Well? N
Property? Y

4. Is the well located upslope or sideslope and not downslope from any contamination sources, including those on neighboring properties? Y
Well located in floodplain? N
Distance in feet from well to nearest: (including proposed)

1. Landfill
25 2. Building Overhang
51 3. 1=Septic 2= Holding Tank
4. Sewage Absorption Unit
5. Nonconforming Pit
6. Buried Home Heating Oil Tank
7. Buried Petroleum Tank
8. 2 1=Shoreline 2= Swimming Pool
9. Downspout/ Yard Hydrant
10. Privy
11. Foundation Drain to Clearwater
12. Foundation Drain to Sewer
13. Building Drain 1=Cast Iron or Plastic 2=Other
14. Building Sewer 1=Gravity 2=Pressure 1=Cast Iron or Plastic 2=Other
15. Collector Sewer: ___ units ___ in . diam.
16. Clearwater Sump
17. Wastewater Sump
18. Paved Animal Barn Pen
19. Animal Yard or Shelter
20. Silo
21. Barn Gutter
22. Manure Pipe 1=Gravity 2=Pressure 1=Cast iron or Plastic 2=Other
23. Other manure Storage
24. Ditch
25. Other NR 812 Waste Source

5. Drillhole Dimensions and Construction Method

Dia.(in.)	From (ft)	To (ft)
10.0	surface	10
8.0	10	170
6.0	170	320

Upper Enlarged Drillhole
-- 1. Rotary - Mud Circulation
X -- 2. Rotary - Air X
-- 3. Rotary - Air and Foam
-- 4. Drill-Through Casing Hammer
-- 5. Reverse Rotary
-- 6. Cable-tool Bit _ in. dia
X -- 7. Temp. Outer Casing 8 in. dia. 10 depth ft. Removed ? X
Other

Lower Open Bedrock

Geology Codes	8. Geology Type, Caving/Noncaving, Color, Hardness, etc	From (ft.)	To (ft.)
L	LIMESTONE	0	320

6. Casing Liner Screen

Dia. (in.)	Material, Weight, Specification Manufacturer & Method of Assembly	From (ft.)	To (ft.)
6.0	NEW BLACK STEEL PE WT 18.97 ASTM A53B IPSCO (WELDED JOINT)	surface	170

Dia.(in.)	Screen type, material & slot size	From	To

7. Grout or Other Sealing Material

Method BRADENHEAD

Kind of Sealing Material	From (ft.)	To (ft.)	# Sacks Cement
CEMENT	surface	170.0	48 S

9. Static Water Level
130.0 feet B ground surface
A=Above B=Below

10. Pump Test
Pumping level 240.0 ft. below surface
Pumping at 35.0 GP M 2.0 Hrs

11. Well Is: 12 in. A Grade
A=Above B=Below
Developed? Y
Disinfected? Y
Capped? Y

12. Did you notify the owner of the need to permanently abandon and fill all unused wells on this property?
If no, explain

13. Initials of Well Constructor or Supervisory Driller: ME
Date Signed: 8/15/05

Initials of Drill Rig Operator (Mandatory unless same as above)
Date Signed

Additonal Comments?
Owner Sent Label? Y
Variance Issued?
More Geology?

20614246

Batch 1003

WISCONSIN UNIQUE WELL NUMBER **SS793**

Source: WELL CONSTRUCTION

State of Wi-Private Water Systems-DG/2
Department Of Natural Resources, Box 7921
Madison, WI 53707

Form 3300-77A
(Rev 02/02)bw

Property Owner: COBBLESTONE COTTAGES COA INC
Telephone Number: 920 -868 -3935

Mailing Address: 5335 HORSESHOE BAY RD

City: EGG HARBOR | State: WI | Zip Code: 54209

County of Well Location: 15 DOOR | NE | W
Co Well Permit No:
Well Completion Date: August 17, 2005

Depth 320 FT

1. Well Location

T=Town C=City V=Village
T of EGG HARBOR

Fire# 5261

Street Address or Road Name and Number
5261 COBBLESTONE CIR

Subdivision Name | Lot# | Block #

Well Constructor: MARK E EUCLIDE | License #: 5905

Address: EUCLIDE WELL DRILLING INC

City: STURGEON BAY | State: WI | Zip Code: 54235

Hicap Permanent Well #: 67508
Common Well #: 2

Facility ID (Public)

Public Well Plan Approval#: 15630

Date Of Approval: 02/03/2005

Specific Capacity: .4 gpm/ft

Gov't Lot or NW 1/4 of SE 1/4 of
Section 3 T 29 N R 26 E

2. Well Type 1 (See item 12 below)
1=New 2=Replacement 3=Reconstruction
of previous unique well # _____ constructed in _____
Reason for replaced or reconstructed Well?

1 1=Drilled 2=Driven Point 3=Jetted 4=Other

3. Well Serves P # of homes and or CONDO
(eg: barn, restaurant, church, school, industry, etc.)
M=Munic O=OTM N=NonCom P=Private Z=Other X=NonPot A=Anode L=Loop H=Drillhole

High Capacity:
Well? N
Property? Y

4. Is the well located upslope or sideslope and not downslope from any contamination sources, including those on neighboring properties? Y
Well located in floodplain? N
Distance in feet from well to nearest: (including proposed)

1. Landfill
15 2. Building Overhang
70 3. 1=Septic 2= Holding Tank
4. Sewage Absorption Unit
5. Nonconforming Pit
6. Buried Home Heating Oil Tank
7. Buried Petroleum Tank
8. 2 1=Shoreline 2= Swimming Pool
9. Downspout/ Yard Hydrant
10. Privy
11. Foundation Drain to Clearwater
12. Foundation Drain to Sewer
13. Building Drain 1=Cast Iron or Plastic 2=Other
14. Building Sewer 1=Gravity 2=Pressure 1=Cast Iron or Plastic 2=Other
15. Collector Sewer: ___ units ___ in . diam.
16. Clearwater Sump
17. Wastewater Sump
18. Paved Animal Barn Pen
19. Animal Yard or Shelter
20. Silo
21. Barn Gutter
22. Manure Pipe 1=Gravity 2=Pressure 1=Cast iron or Plastic 2=Other
23. Other manure Storage
24. Ditch
25. Other NR 812 Waste Source

5. Drillhole Dimensions and Construction Method

Dia.(in.)	From (ft)	To (ft)
10.0	surface	10
8.0	10	170
6.0	170	320

Upper Enlarged Drillhole
-- 1. Rotary - Mud Circulation
X -- 2. Rotary - Air
-- 3. Rotary - Air and Foam
-- 4. Drill-Through Casing Hammer
-- 5. Reverse Rotary
-- 6. Cable-tool Bit _ in. dia
X -- 7. Temp. Outer Casing 8 in. dia. 10 depth ft. Removed ? X
Other
Lower Open Bedrock

Geology Codes	8. Geology Type, Caving/Noncaving, Color, Hardness, etc	From (ft.)	To (ft.)
L	LIMESTONE	0	320

6. Casing Liner Screen Material, Weight, Specification Manufacturer & Method of Assembly

Dia. (in.)		From (ft.)	To (ft.)
6.0	NEW BLACK STEEL PE WT 18.97 ASTM A53B IPSCO (WELDED JOINT)	surface	170

Dia.(in.)	Screen type, material & slot size	From	To

7. Grout or Other Sealing Material
Method BRADENHEAD

Kind of Sealing Material	From (ft.)	To (ft.)	# Sacks Cement
CEMENT	surface	170.0	80 S

9. Static Water Level
150.0 feet B ground surface
A=Above B=Below

10. Pump Test
Pumping level 240.0 ft. below surface
Pumping at 35.0 GP M 2.0 Hrs

11. Well Is: 12 in. A Grade (A=Above B=Below)
Developed? Y
Disinfected? Y
Capped? Y

12. Did you notify the owner of the need to permanently abandon and fill all unused wells on this property?
If no, explain

13. Initials of Well Constructor or Supervisory Driller: ML
Date Signed: 8/17/05

Initials of Drill Rig Operator (Mandatory unless same as above)
Date Signed

Additonal Comments?
Owner Sent Label? Y
Variance Issued?
More Geology?

20614255

Batch 1003

WISCONSIN UNIQUE WELL NUMBER **SS791**

Source: WELL CONSTRUCTION

State of Wi-Private Water Systems-DG/2
Department Of Natural Resources, Box 7921
Madison, WI 53707

Form 3300-77A
(Rev 02/02)bw

Depth 260 FT

Property Owner: COBBLESTONE COTTAGES COA INC
Telephone Number: 920 -868-3935
Mailing Address: 5335 HORSESHOE BAY RD
City: EGG HARBOR
State: WI
Zip Code: 54209
County of Well Location: 15 DOOR
NE
Co Well Permit No W
Well Completion Date: August 19, 2005

1. Well Location
T=Town C=City V=Village: T of EGG HARBOR
Fire#: 5249
Street Address or Road Name and Number: 5249 COBBLESTONE CIR
Subdivision Name: COBBLESTONE COTTAGES
Lot#:
Block #:

Well Constructor: MARK E EUCLIDE
License #: 5905
Facility ID (Public):
Address: EUCLIDE WELL DRILLING INC
Public Well Plan Approval#: 16630
City: STURGEON BAY
State: WI
Zip Code: 54235
Date Of Approval: 02/03/2005
Hicap Permanent Well #: 67509
Common Well #: 3
Specific Capacity: .3 gpm/ft

Gov't Lot or NW 1/4 of SE 1/4 of
Section 3 T 29 N R 26 E

2. Well Type 1 (See item 12 below)
1=New 2=Replacement 3=Reconstruction
of previous unique well # _____ constructed in _____
Reason for replaced or reconstructed Well?

3. Well Serves P # of homes and or CONDO (eg: barn, restaurant, church, school, industry, etc.)
M=Munic O=OTM N=NonCom P=Private Z=Other X=NonPot A=Anode L=Loop H=Drillhole

High Capacity: Well? N
Property? Y

1 1=Drilled 2=Driven Point 3=Jetted 4=Other

4. Is the well located upslope or sideslope and not downslope from any contamination sources, including those on neighboring properties? Y
Well located in floodplain? N
Distance in feet from well to nearest: (including proposed)

1. Landfill
26 2. Building Overhang
71 3. 1=Septic 2= Holding Tank
4. Sewage Absorption Unit
5. Nonconforming Pit
6. Buried Home Heating Oil Tank
7. Buried Petroleum Tank
8. 2 1=Shoreline 2= Swimming Pool
9. Downspout/ Yard Hydrant
10. Privy
11. Foundation Drain to Clearwater
12. Foundation Drain to Sewer
13. Building Drain 1=Cast Iron or Plastic 2=Other
14. Building Sewer 1=Gravity 2=Pressure 1=Cast Iron or Plastic 2=Other
15. Collector Sewer: ___ units ___ in . diam.
16. Clearwater Sump
17. Wastewater Sump
18. Paved Animal Barn Pen
19. Animal Yard or Shelter
20. Silo
21. Barn Gutter
22. Manure Pipe 1=Gravity 2=Pressure 1=Cast iron or Plastic 2=Other
23. Other manure Storage
24. Ditch
25. Other NR 812 Waste Source

5. Drillhole Dimensions and Construction Method

Dia.(in.)	From (ft)	To (ft)
10.0	surface	10
8.0	10	170
6.0	170	260

Upper Enlarged Drillhole
-- 1. Rotary - Mud Circulation
X -- 2. Rotary - Air X
-- 3. Rotary - Air and Foam
-- 4. Drill-Through Casing Hammer
-- 5. Reverse Rotary
-- 6. Cable-tool Bit _ in. dia
X -- 7. Temp. Outer Casing 8 in. dia. 10 depth ft. Removed ? X
Other
Lower Open Bedrock

6. Casing Liner Screen Material, Weight, Specification Manufacturer & Method of Assembly

Dia. (in.)		From (ft.)	To (ft.)
6.0	NEW BLACK STEEL P.E. WT. 18.97 ASTM A53B IPSCO (WEDLED JOINT)	surface	170

Dia.(in.)	Screen type, material & slot size	From	To

7. Grout or Other Sealing Material
Method BRADENHEAD

Kind of Sealing Material	From (ft.)	To (ft.)	# Sacks Cement
CEMENT	surface	170.0	78 S

Geology Codes	8. Geology Type, Caving/Noncaving, Color, Hardness, etc	From (ft.)	To (ft.)
L	LIMESTONE	0	260

9. Static Water Level
150.0 feet B ground surface
A=Above B=Below

10. Pump Test
Pumping level 230.0 ft. below surface
Pumping at 25.0 GP M 2.0 Hrs

11. Well Is: 12 in. A Grade (A=Above B=Below)
Developed? Y
Disinfected? Y
Capped? Y

12. Did you notify the owner of the need to permanently abandon and fill all unused wells on this property?
If no, explain

13. Initials of Well Constructor or Supervisory Driller ME Date Signed 8/19/05

Initials of Drill Rig Operator (Mandatory unless same as above) Date Signed

Additonal Comments?
Owner Sent Label? Y
Variance Issued?
More Geology?

20614264

Batch 1003

Proposed Well Information

Enter the following information on all **proposed** wells on the property, if more than two wells or alternate construction, submit additional sheets:

Well Name Assigned by Well Owner (North Well, etc.):	Cobblestone Group 4	Cobblestone Group 5
Well Number Assigned by Owner (001, 002, etc.):	004	005
Well Loc: Quarter Quarter Section or French Long Lot Number	NE 1/4 of SE 1/4 of Section 3	NE 1/4 of SE 1/4 of Section 3
or Government Lot Number		
Township & Range (Select E or W)	T 29 N, R 26 ☒E ☐W	T 29 N, R 26 ☒E ☐W
Latitude (Degrees and Minutes)	45 ° 00.882 '	45 ° 00.906 '
Longitude (Degrees and Minutes)	-87 ° 19.122 '	-85 ° 19.146 '
GPS Map Datum (WGS84, WTM91, etc.)		
Type of Well (Irrigation, Industrial, Residential, etc.):	Type: Residential ☒ Potable ☐ Non-Potable	Type: Residential ☒ Potable ☐ Non-Potable
Drilling Method(s) (Rotary, Percussion, Etc.):	Rotary	Rotary
Anticipated Geological Materials and Depths that Are Expected During Drilling:		
Material and Depth Interval:	Topsoil from 0 ' to 1 '	Topsoil from 0 ' to 1 '
Material and Depth Interval:	Limestone from 1 ' to 320 '	Limestone from 1 ' to 320 '
Material and Depth Interval:	from ' to '	from ' to '
Material and Depth Interval:	from ' to '	from ' to '
Material and Depth Interval:	from ' to '	from ' to '
Drillhole Diameter and Anticipated Depth Intervals:		
Diameter and Depth Interval:	10" from 0 ' to 10 '	10" from 0 ' to 10 '
Diameter and Depth Interval:	8" from 10 ' to 170 '	8" from 10 ' to 170 '
Diameter and Depth Interval:	6" from 170 ' to 320 '	6" from 170 ' to 320 '
Permanent Casing or Liner Diameter and Wall Thickness at Anticipated Depth Intervals:		
Diameter and Wall Thickness at Depth Interval:	6 " diam/ 0.28 " thick 0 ' to 170 '	6 " diam/ 0.28 " thick 0 ' to 170 '
Diameter and Wall Thickness at Depth Interval:	" diam/ " thick ' to '	" diam/ " thick ' to '
Permanent Casing or Liner Material , If Used:		
Casing Joints (Welded, T and C, etc.)	Welded	Welded
Material and Weight at Depth Interval:	A53 Steel /18.97lbs/foot 0 ' to 170 '	A53 Steel /18.97lbs/foot 0 ' to 170 '
Material and Weight at Depth Interval:	/ lbs/foot ' to '	/ lbs/foot ' to '
Screen Material, Slot Size in Inches and Depth Interval or N/A if none:	/ "/ ' to '	/ "/ ' to '
Casing to Screen Joint (Welded, T and C, K Packer, etc.)		
Annular Space Material Including Filter Pack Material, If Used:		
Material and Depth Interval:	Neat Grout Cement / 0 ' to 170 '	Neat Grout Cement / 0 ' to 170 '
Material and Depth Interval:	/ ' to '	/ ' to '
Proposed Average Water Usage Per Day in Gallons:	1,000	1,000
Proposed Maximum Water Usage Per Day in Gallons:	3,000	3,000
Seasonal? (April to October, Year Around, etc.):	Year Around	Year Around
Proposed Pump Type & Capacity (gpm):	Sub 30	Sub 30
Discharge Type (Over Top of Casing Seal, Pitless Adapter or Unit):	Pitless	Pitless
Discharge Location (Building Pressure Tank, Pond, etc.):	Pressure Tank	Pressure Tank
Distance and Direction to Nearest Public Utility Well & Well Name:	13 Miles S to City of Sturgeon Bay	13 Miles S to City of Sturgeon Bay
Distance to Other Potential Contaminant Sources:		
Distance to Other Potential Contaminant Sources:		
Leave Blank, for Department use only		

Proposed Well Information

Enter the following information on all **proposed** wells on the property, if more than two wells or alternate construction, submit additional sheets:

Well Name Assigned by Well Owner (North Well, etc.):	Cobblestone Group 6	Cobblestone Group 7
Well Number Assigned by Owner (001, 002, etc.):	006	007
Well Loc: Quarter Quarter Section or French Long Lot Number	NE 1/4 of SE 1/4 of Section 3	NE 1/4 of SE 1/4 of Section 3
or Government Lot Number		
Township & Range (Select E or W)	T 29 N, R 26 [X] E [ ] W	T 29 N, R 26 [X] E [ ] W
Latitude (Degrees and Minutes)	45 ° 00.906 '	45 ° 00.906 '
Longitude (Degrees and Minutes)	-87 ° 19.188 '	-85 ° 19.224 '
GPS Map Datum (WGS84, WTM91, etc.)		
Type of Well (Irrigation, Industrial, Residential, etc.):	Type: Residential [X] Potable [ ] Non-Potable	Type: Residential [X] Potable [ ] Non-Potable
Drilling Method(s) (Rotary, Percussion, Etc.):	Rotary	Rotary
Anticipated Geological Materials and Depths that Are Expected During Drilling:		
Material and Depth Interval:	Topsoil from 0 ' to 1 '	Topsoil from 0 ' to 1 '
Material and Depth Interval:	Limestone from 1 ' to 320 '	Limestone from 1 ' to 320 '
Material and Depth Interval:	from ' to '	from ' to '
Material and Depth Interval:	from ' to '	from ' to '
Material and Depth Interval:	from ' to '	from ' to '
Drillhole Diameter and Anticipated Depth Intervals:		
Diameter and Depth Interval:	10" from 0 ' to 10 '	10" from 0 ' to 10 '
Diameter and Depth Interval:	8" from 10 ' to 170 '	8" from 10 ' to 170 '
Diameter and Depth Interval:	6" from 170 ' to 320 '	6" from 170 ' to 320 '
Permanent Casing or Liner Diameter and Wall Thickness at Anticipated Depth Intervals:		
Diameter and Wall Thickness at Depth Interval:	6 " diam/ 0.28 " thick 0 ' to 170 '	6 " diam/ 0.28 " thick 0 ' to 170 '
Diameter and Wall Thickness at Depth Interval:	" diam/ " thick ' to '	" diam/ " thick ' to '
Permanent Casing or Liner Material , If Used:		
Casing Joints (Welded, T and C, etc.)	Welded	Welded
Material and Weight at Depth Interval:	A53 Steel /18.97lbs/foot 0 ' to 170 '	A53 Steel /18.97lbs/foot 0 ' to 170 '
Material and Weight at Depth Interval:	/ lbs/foot ' to '	/ lbs/foot ' to '
Screen Material, Slot Size in Inches and Depth Interval or N/A if none:	/ "/ ' to '	/ "/ ' to '
Casing to Screen Joint (Welded, T and C, K Packer, etc.)		
Annular Space Material Including Filter Pack Material, If Used:		
Material and Depth Interval:	Neat Grout Cement / 0 ' to 170 '	Neat Grout Cement / 0 ' to 170 '
Material and Depth Interval:	/ ' to '	/ ' to '
Proposed Average Water Usage Per Day in Gallons:	1,000	1,000
Proposed Maximum Water Usage Per Day in Gallons:	3,000	3,000
Seasonal? (April to October, Year Around, etc.):	Year Around	Year Around
Proposed Pump Type & Capacity (gpm):	Sub 30	Sub 30
Discharge Type (Over Top of Casing Seal, Pitless Adapter or Unit):	Pitless	Pitless
Discharge Location (Building Pressure Tank, Pond, etc.):	Pressure Tank	Pressure Tank
Distance and Direction to Nearest Public Utility Well & Well Name:	13 Miles S to City of Sturgeon Bay	13 Miles S to City of Sturgeon Bay
Distance to Other Potential Contaminant Sources:		
Distance to Other Potential Contaminant Sources:		
Leave Blank, for Department use only		

Required Attachments

1. Attach one of the maps described in A. or B., below. Plot the existing and proposed well locations on the map. For wells that have a Wisconsin Unique Well Number or a Permanent High Capacity Well Number, plot the well locations with one of those numbers.
   A. Copy of a plat map with the property boundary clearly shown. If the property is contiguous with properties owned by the same owner in another township, include a copy of that township map too, showing the property boundaries. If the property owner listed on the plat map is different from the current owner, list the date or dates, that the current property owner purchased the property on the map.
   B. Map of the property prepared by a licensed land surveyor and the property description as described by the surveyor.
2. Sketch map showing all of the following that are planned or exist within 300 feet of each proposed well: proposed well location; other wells; property boundary; wetlands; potential contaminant sources (septic tank and drainfield, petroleum storage tanks, sewer lines, etc.); buildings and north arrow. If no pertinent features to map within 300 feet of the proposed well, for example an irrigation well in the middle of a field, state that on the property map listed above and plot the well locations on that map.
3. Any well construction records available for existing wells on the property. Do not attach any well construction records for wells that are not on the property. If a Wisconsin Unique Well Number has not been assigned, write a well name or site well number on the record that correlates to the well name or number plotted on the maps.
4. For proposed wells with a capacity greater than 400 gallons per minute, include the performance curve or performance table that is provided by the pump manufacturer. If the pump will be a lineshaft turbine, provide a curve with the same rpm as the motor under full load and list the motor horsepower.
5. If more than one well is connected to a common plumbing system, also provide a schematic drawing of the system showing method of preventing backflow. This sketch must include the well discharge (pitless, over top of casing sanitary seal); the water line from the well; pressure tanks; sampling faucets; check valves; backflow preventers; air gaps; manually operated valves; water meters; pressure switches for pumps; and any other pertinent fittings. This schematic drawing must also identify which of these components are buried or above ground. If there is more than one check valve within the well casing, include in-well check valves on the schematic.
6. If reconstruction of an existing well is proposed, include a diagram of the current well construction and a diagram of the proposed construction.
7. If the application is for a high capacity well or wells, a $500.00 check payable to the Department of Natural Resources, unless the application is only for continued operation after a change of ownership.

Certification and Applicant Signatures

If the application requests a variance for a well within 1,200 feet of a landfill, a well on a property with a groundwater use restriction, or any other variance to NR 812, Wis. Adm. Code, the property owner must sign the application. If the well operator will install a well on property that he or she does not own, the property owner must also sign the application. Otherwise, an agent of the owner may sign the application.

Unsigned and incomplete applications will not be approved.

By signing this form, the person signing this application certifies that to the best of his or her knowledge, all existing well installations on the property comply with ch. NR 812, Wis. Adm. Code. The person also certifies that to the best of his or her knowledge, all information in the application is accurate and correct.

Name - Print	Check Box	
Steven J. Parent, P.E.	☐ Owner	☒ Agent of the Owner

Signature	Company	Date
Steven J. Parent	Baudhuin Incorporated	4-15-14

Application submittal. Mail completed application and payment with all required attachments to DNR, Private Water Systems Section - DG/2, PO Box 7921, Madison WI 53707-7921.

Definitions from Wisconsin Administrative Codes

"High capacity well" means a well constructed on a high capacity property. [NR 812.07(51)]

"High capacity property" means one property on which a high capacity well system exists or is to be constructed. [NR 812.07(52)]

"High capacity well system" means one or more wells, drillholes or mine shafts used or to be used to withdraw water for any purpose on one property, if the total pumping or flowing capacity of all wells, drillholes or mine shafts on one property is 70 or more gallons per minute based on the pump curve at the lowest system pressure setting, or based on the flow rate. [NR 812.07(53)]

"Public water system" means a system for the provision to the public of piped water for human consumptions if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days per year. A public water system is either a community water system or a non-community water system. Such system includes: (a) Any collection, treatment, storage, and distribution facilities under control of the operator of such system and used primarily in connection with such system, and (b) Any collection or pretreatment storage facilities not under such control which are used primarily in connection with such system. [NR 812.07(80)]

"School" means a public or private educational facility in which a program of educational instruction is provided to children in any grade or grades from kindergarten through the 12th grade. Water systems serving athletic fields, school forests, environmental centers, home-based schools, day-care centers and Sunday schools are not school water systems. [NR 812.07(94)]

"Wastewater treatment plant" means any facility provided for the treatment of sanitary or industrial wastewater or both. The following types of facilities are excluded: (a) Facilities defined as private sewage systems in s. 145.01(12), Stats. (b) Pretreatment facilities from which effluent is directed to a public sewer system for treatment. (c) Industrial wastewater treatment facilities which consist solely of a land disposal system. [NR 114.03(14)]